

# 21st Annual GIS/CAMA Technologies Conference Chattanooga Convention Center

GIS/CAMA • Chattanooga, TN



IAAO

URISA

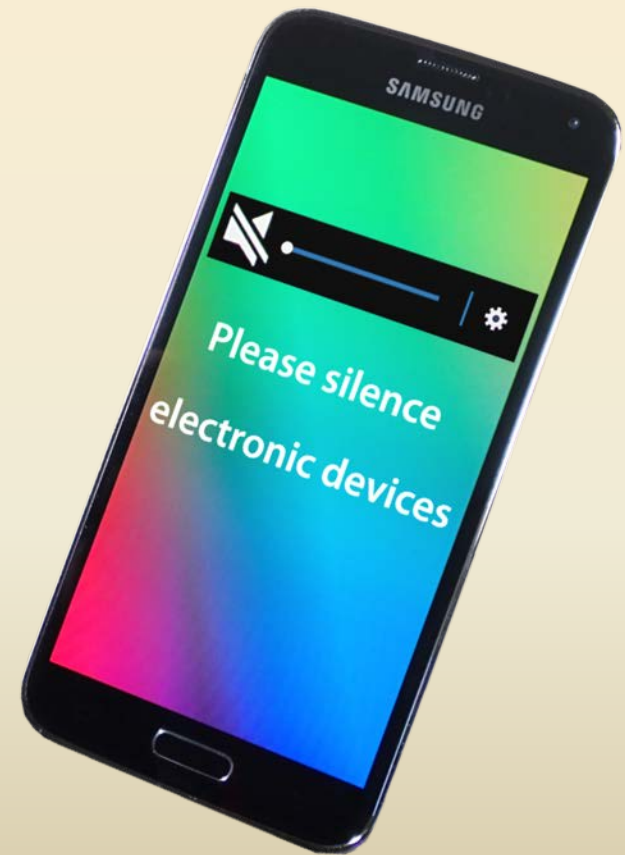
March 6-9, 2017

# Continuing Education (CE) Credit

Recertification Credit forms for CE credit can be collected from the Registration Desk on Thursday.

## Housekeeping

The conference proceedings will be available approximately 8 weeks after the conference.

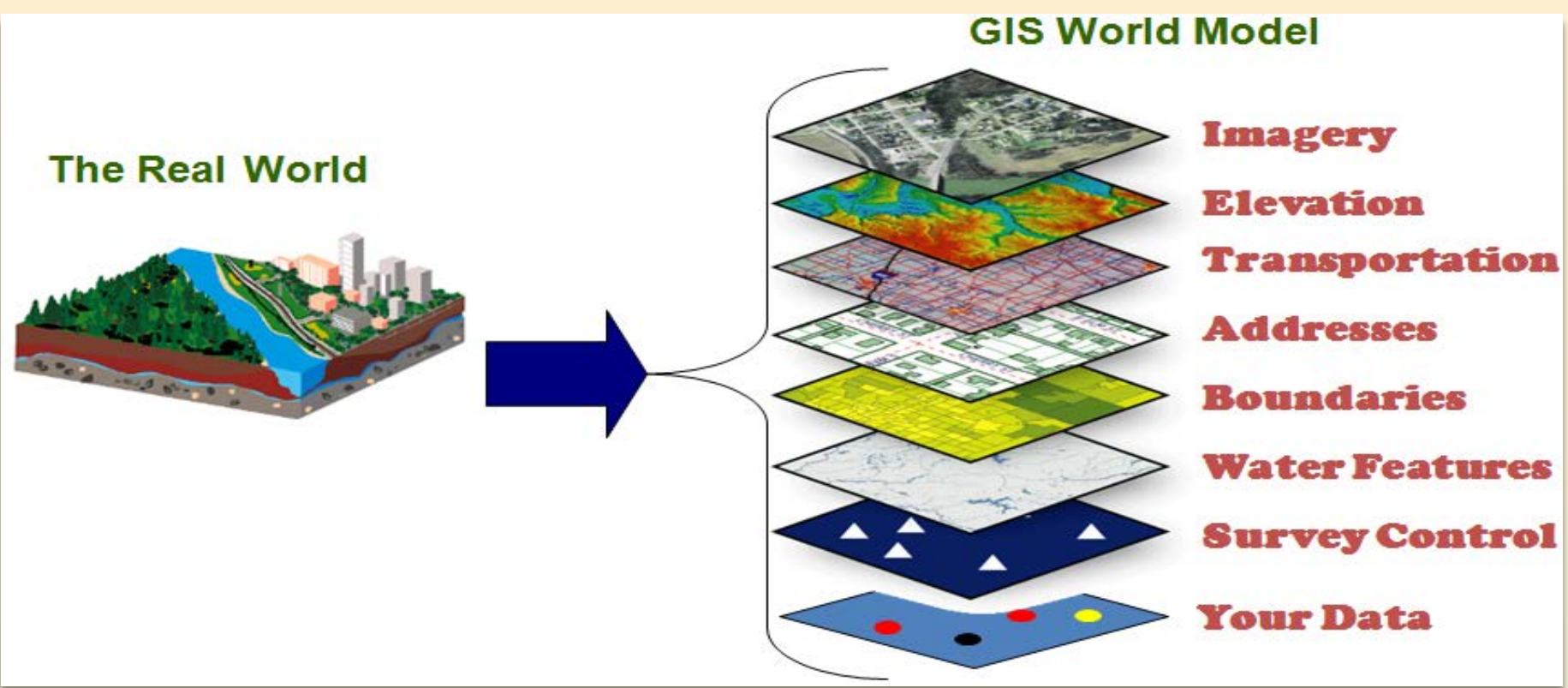


# Sevier County GIS

**WHEN DISASTER STRIKES**

**MARCH 9, 2017**





# Geographical Information System

A geographic information system (GIS) lets us visualize, question, analyze, and interpret data to understand relationships, patterns, and trends.

# How dose GIS work today?

Software

Hardware

Paper Maps

Tablets

Smartphones

GPS Units

Aircraft & Drones

PEOPLE



# Who We Support

## Government

- County Government Departments
- Public Works Departments
- City Governments



## Emergency

- E911
- EMA
- Fire
- Ambulance
- Sheriffs Office



## Public

- General Public
- Property Owners
- Surveyors & Engineers
- Business Owners



# Building a Map



## Base Map

Foundation – from GIS Office



## Roads & Addresses

Road Centerlines & Address Points – from Local 911 Office



## Parcels

Cama Data – from the Assessors Office

# Cama Data

## Tax Card

## GIS Cama Data

State of Tennessee  Comptroller of the Treasury  
**Real Estate Assessment Data**

Home About New Search Return to List

County Number: 078 County Name: SEVIER Tax Year: 2016

**Property Owner and Mailing Address**

Jan 1 Owner:  
 SEVIER COUNTY  
 125 COURT AVE  
 SEVIERVILLE, TN 37862

**Property Location**

Address: COURT AV 125 205  
 Map: 049K Grp: B Ctrl Map: 049J Parcel: 025.00 Pl: Sfl: 000

**Value Information**

Reappraisal Year: 2016

Land Mkt Value: \$195,000  
 Improvement Value: \$7,135,300  
 Total Market Appraisal: \$7,330,300  
 Assessment %: 0  
 Assessment: \$0

**General Information**

Table

parcels.cama.y

FID	Shape	COUNTY_ID	PARCEL_TYP	GIS_ARE	GIS_WC	CAI_C_ACRS	LAST_UPDAT	SHAPE_STAR	SHAPE_STLE	JOB	PARID	TAXYR	PARCEL_ID	IF	MAP	CITY/IN	ST
1	Polygon	78	1	078001 00200		2.911938	15/2/10 12:27:30 AM	12864393695	1953498207	078	001 00200 000	2015	078 001 00200 000 2015	001 002 30	001		29
1	Polygon	78	1	078001 00200		1.153882		50292348544	855360771	078	001 00200 000	2015	078 001 00200 000 2015	001 002 30	001		29
2	Polygon	78	1	0780010 00100		0.489887		20487148852	534854741	078	010 00100 000	2015	078 010 00100 000 2015	010 001 00	001		51
3	Polygon	78	1	0780010 00200		0.301077		60599730723	525530902	078	010 00200 000	2015	078 010 00200 000 2015	010 002 00	001		51
4	Polygon	78	1	0780010 00200		3.473760		10184192981	550740791	078	010 00200 000	2015	078 010 00200 000 2015	010 002 00	001		51
5	Polygon	78	1	0780010 00400		0.446072		16109510911	500407557	078	010 00400 000	2015	078 010 00400 000 2015	010 004 00	001		51
6	Polygon	78	1	0780010 00500		0.432151		18024148866	562421735	078	010 00500 000	2015	078 010 00500 000 2015	010 005 00	001		51
7	Polygon	78	1	0780010 01000		0.026274		36361084172	672400276	078	010 01000 000	2015	078 010 01000 000 2015	010 010 00	001		52
8	Polygon	78	1	0780010 00800		0.556488		23979285545	840140731	078	010 00800 000	2015	078 010 00800 000 2015	010 008 00	001		51
9	Polygon	78	1	0780010 00900		0.634379		27871121742	860154084	078	010 00900 000	2015	078 010 00900 000 2015	010 009 00	001		52
10	Polygon	78	1	0780010 00800		0.458685		18963389482	591178938	078	010 00800 000	2015	078 010 00800 000 2015	010 008 00	001		51
11	Polygon	78	1	0780010 00700		3.451137		19661668487	632480284	078	010 00700 000	2015	078 010 00700 000 2015	010 007 00	001		51
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13	Polygon	78	1	0780010 01000		0.448582		18408234015	5917144	078	010 01000 000	2015	078 010 01000 000 2015	010 010 00	001		52
14	Polygon	78	1	0780010 01000		0.336888		14975308447	408102027	078	010 01000 000	2015	078 010 01000 000 2015	010 010 00	001		52
15	Polygon	78	1	0780010 01000		0.937594		26588548589	803424983	078	010 01000 000	2015	078 010 01000 000 2015	010 010 00	001		52
16	Polygon	78	1	0780010 01000		0.530297		23359770331	607661581	078	010 01000 000	2015	078 010 01000 000 2015	010 010 00	001		52
17	Polygon	78	1	0780010 01000		0.608803		29108110734	705404181	078	010 01000 000	2015	078 010 01000 000 2015	010 010 00	001		52
18	Polygon	78	1	0780010 01400		0.392711		17302152682	562205559	078	010 01400 000	2015	078 010 01400 000 2015	010 014 00	001		52
19	Polygon	78	1	0780010 01300		0.546607		22766300226	852301462	078	010 01300 000	2015	078 010 01300 000 2015	010 013 00	001		51
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21	Polygon	78	1	078002 07800		2.719807		11842086944	1428399458	078	010 07800 000	2015	078 010 07800 000 2015	010 078 00	002		52
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23	Polygon	78	1	078002 07806		1.850354		8080188841	1190329184	078	010 07806 000	2015	078 010 07806 000 2015	010 078 06	002		52
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26	Polygon	78	1	078002 07811		5.872727		25589557589	202854104	078	010 07811 000	2015	078 010 07811 000 2015	010 078 11	002		52
27	Polygon	78	1	078002 07855		1.589888		8080213225	865477474	078	010 07855 000	2015	078 010 07855 000 2015	010 078 55	002		51
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30	Polygon	78	1	078002 07812		2.796146		12180740586	1022308150	078	010 07812 000	2015	078 010 07812 000 2015	010 078 12	002		51
31	Polygon	78	1	078002 07804		1.427034		62100374381	1088362951	078	010 07804 000	2015	078 010 07804 000 2015	010 078 04	002		51
32	Polygon	78	1	078002 07802		2.598807		112250640102	142346484	078	010 07802 000	2015	078 010 07802 000 2015	010 078 02	002		51





# Fields of Cama



- Appraisal
- Address
- Acreage
- Deed Book & Page
- GIS Link (Map & Parcel)
- Lot #
- Mailing Address
- Owner
- Owner as of Jan 1st
- Sale Info
- Special Interest
- Subdivision
- Utilities
- Zip Code



# qual·i·ty

the standard of something as measured against other things of a similar kind; the degree of excellence of something.



# Government Projects



## Storm Water

Visual Assessments

PERMIT  
REQUIRED

## Public Works

Planning  
Building Inspection  
Storm Water



## City

Hotel Room  
Inventory

# Public Projects



## Mobile Homes vs. Tornado

GIS data used to identify mobile homes within Sevier County for a Tornado Severe Weather Plan.



## Smoky Mountain Salamanders

GIS data used to identify land outside of GSMNP boundaries where salamanders might inhabit.

31 Species  
24 Lungless



## Tourist & Traffic

Cell Phone Boost



# Emergency Services Projects

## Wildfires

2013  
30+ Cabins  
Over 145 Acres



## Drug Buys

Regular Arrest  
Undercover



# MONDAY NOVEMBER 28, 2016





JESSICA TERPENOXVILLE NEWS SENTINEL VWS GP

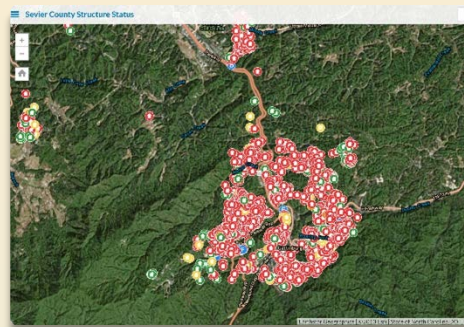


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# GIS Plan of Action



Search &  
Rescue



Public  
Information



Quality GIS  
Team





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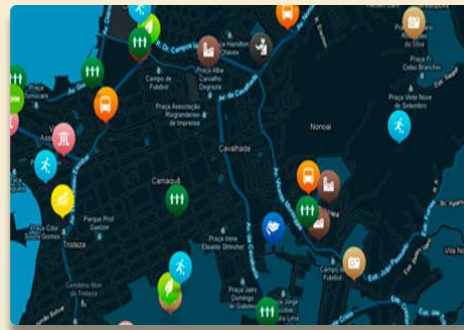
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# GIS Consumption



## Paper Maps

Parcel  
Topographical  
Grid System



## Web Maps

Departmental Division  
Dashboards  
Public Information



## Mobile Apps

ESRI Collector  
ESRI Explorer





“

OUR FOREFATHERS CAME INTO THESE MOUNTAINS  
UNDER VERY DIFFICULT CIRCUMSTANCES AND WE WILL  
CONTINUE FOLLOWING THEIR LEAD.

Sevier County Mayor, Larry Waters

”

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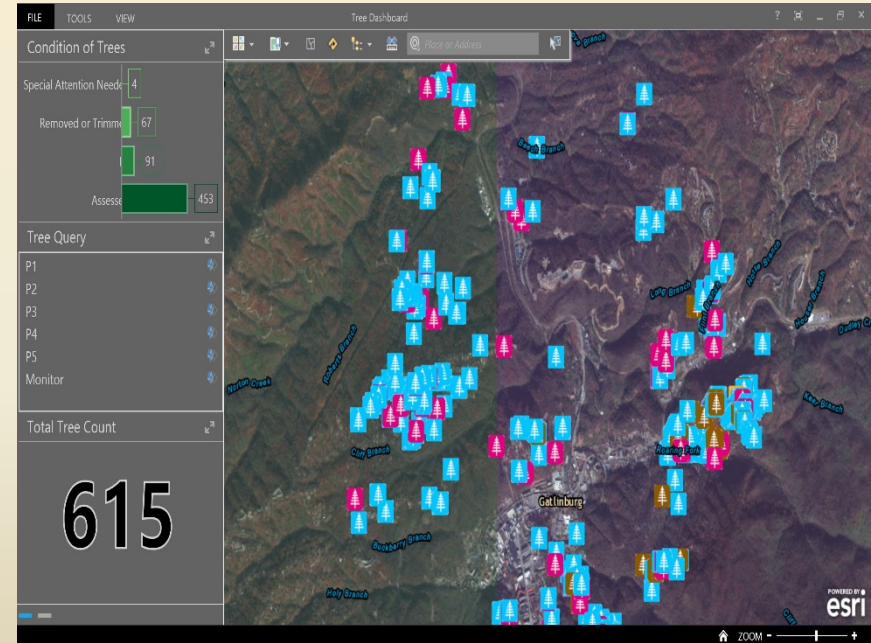
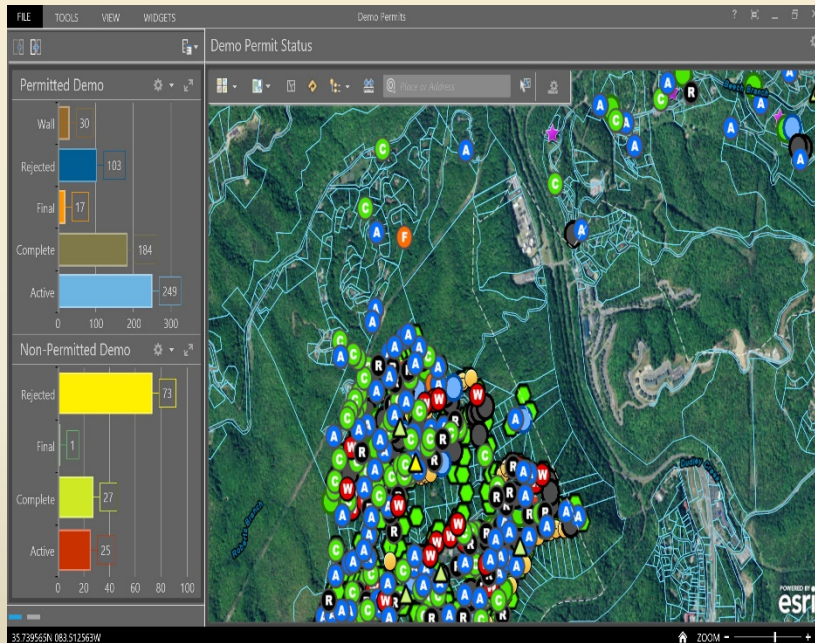


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# Maps & Apps on the Road to Recovery

## DEMO Permits

## Trees



“

TOGETHER WE  
WILL MAKE IT THROUGH  
THIS DISASTER AND BE BETTER  
ON THE OTHER SIDE OF IT.

City Manager, Cindy Ogle

”



# Making a Difference



“

WE'RE GOING TO BE OKAY BECAUSE WE'RE MOUNTAIN TOUGH  
AND HAVE A STRONG FAITH IN GOD.

- Gatlinburg Mayor, Mike Werner



# Sevier County GIS

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Website: [seviercountyttn.org](http://seviercountyttn.org)









Assessment Leadership  
Beyond All Limits

# IAAO LAS VEGAS

ANNUAL CONFERENCE  
& Exhibition

September 24-27

2017